Date:

Wednesday, 11/03/2009 12:58:54 PM

User:

Julie Dawson

**Process Sheet** 

Customer

: CU-DAR001 Dart Helicopters Services

Job Number : 46436

**Estimate Number** 

: 11035

P.O. Number

This issue : 11/03/2009

: NC

Prsht Rev. : // First Issue

: 44478 **Previous Run** 

: MACHINED PARTS Type

S.O. No. :

**Part Number** 

**Drawing Name** 

: D28032

**Drawing Number** Project Number : D2803 REV B : N/A : B

: STA 84 BRACKET

**Drawing Revision** 

Material **Due Date** 

: 23/03/2009

Qty:

6 Um:

Each

**Checked & Approved By** 

Written By

Comment

Est Rev:B Blanks now cut on Waterjet 06-06-14 JLM

Est Rev:C Removed Tumbling 08-09-10 JLM Verified By:EC

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

1.0

2.0

M6061T6B0500X10000

6061-T6 Bar .500 x 10.00



Comment: Qty.:

6061-T6 Bar .50" x 10.0"

Material: 6061-T6 bar 10.00" x 0.50"

Total: 12.0752 f(s)

WATER JET

Batch: 109288 FLOW WATER JET



Comment: FLOW WATER JET

1-Cut as per Template DT8533

Dwg Rev:\_\_ Prog Rev:\_

B9-4-4 189-4-9

2-Deburr if necessary

3.0

HAAS1

HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

Machine as per folio FA102

4.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

5.0

QC8

SECOND CHECK

Comment: SECOND CHECK

## **Dart Aerospace Ltd**

W/O: WORK ORDER CHANGES					S			
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
<u> </u>								
i								

Part No: D2803-2 PAR #: NA Fault Category: Placed Machined Parts NCR: (Yes) No DQA: Date: O9/04/15

Resolution: Disposition: SUAP QA: N/C Closed: Date: O9/04/16

NCR: Ц	436	WC	ORK OR	DER NON-CONFORMANCE	(NCR)			
DATE	STEP	Description of NC Section A	<b>Initial</b> ChiefÆng	Corrective Action Section B  Action Description  Chief Eng	Sign & Date <sub>7</sub>	Verification Section C	Approval Chief Eng	Approval QC Inspector
૦૧/૦૧	3.0	One part the hole of 191 + 005 get out at . 206 ab	Josiu 2	Set-up à la lio instructions Are claur. Scrap No replace.	09/04/07	Mon 64 15	ssinz	690114
		One point the depth of .25 Too leep. 260. and Ible R.C. program export. R.C. operator ecros	of.507	> The roughling tool was lowered	8\$ 5964/09	Moa (4)	Postuje	109-W14
NOTE: D		one sin, le Then they other one Blank missing matil on one side.  R.C. operator office of all entries	positive	Pt. The finishing was supposed to be low ared. O.125 edge dim	8/21/09	M on by C	psicer	poral-ref

Date: User: Customer: CU-DAR001 Dart Helicopters Services Job Number: 46436 Job Number: Seq. #: 6.0 7.0

Wednesday, 11/03/2009 12:58:54 PM Julie Dawson

**Process Sheet** 

Drawing Name: STA 84 BRACKET

Part Number: D28032

Machine Or Operation:

Description:

HAND FINISHING1

HAND FINISHING RESOURCE #1

Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1



Comment: PACKAGING RESOURCE #1

Identify and Stock Location:

8.0



Comment: FINAL INSPECTION/W/O RELEASE



Job Completion



## **Dart Aerospace Ltd**

W/O: WORK ORDER CHANG				IGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolu	ution:	Disposition:	QA: N/C Closed:	Date:

NCR:		`	*	ER NON-CONFORMAN	JE (NCR)			
DATE STEP		Description of NC Corrective Action Section B			Verification Approva	Approval	Annuaral	
		Section A	Initial Chief Eng	Action Description  Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto
					İ			
		·						

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	74436
Description: Bracket	Part Number:	D2803-2
Inspection Dwg: D2803 Rev: B		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

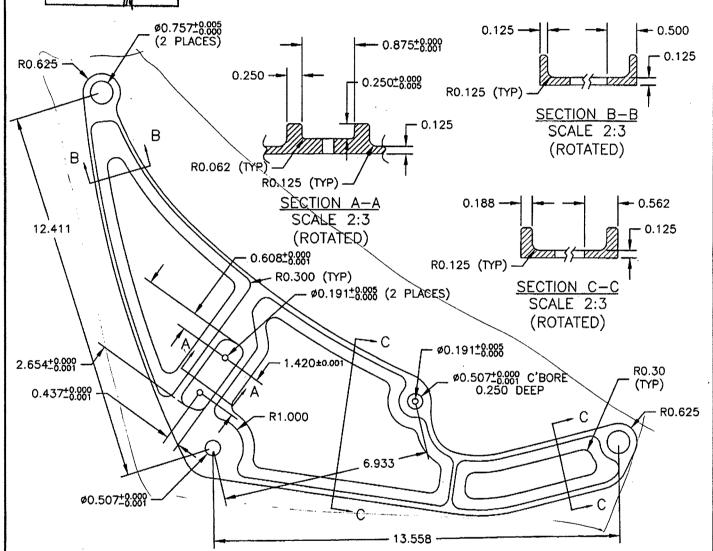
	X First Ar	ticle	Prof	totype		
Tolerance	Actual Dimension	Accept	Reject			nments
+0.005/-0.000	759					
+/-0.001						
+0.005/-0.000	.194					
+0.000/-0.001	.506					
+0.000/-0.001						
+/-0.010	12.411					
+/-0.010	6.933					
+/-0.010	,252	/				
+0.000/-0.001	.875		-			<u> </u>
+0.000/-0.005	250					
+/-0.010	126					. <u>.</u> .
+/-0.010	1	/				
+/-0.010	,502					<u> </u>
+/-0.010	.125					
+/-0.010	-188	/				
+/-0.010	.564	/				
+/-0.010	.125	<u> </u>				
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00	1		/			
&P,	1 <del>  </del>	<del>                                     </del>		Prototype A		N/A
17/24/08	Date	109/0	4/15		Date:	N/A
Change		_'-/				Approved
	ion romercal					<del>                                     </del>
		mension	· · · · · · · · · · · · · · · · · · ·			1
	+0.005/-0.000 +/-0.001 +0.005/-0.000 +0.000/-0.001 +0.000/-0.001 +/-0.010 +/-0.010 +0.000/-0.005 +/-0.010 +/-0.010 +/-0.010 +/-0.010 +/-0.010 +/-0.010 +/-0.010 +/-0.010 +/-0.010	Tolerance Dimension  +0.005/-0.000	Tolerance   Actual   Dimension   Accept	Tolerance Dimension Accept Reject  +0.005/-0.000 759 +/-0.001 1.420 +0.005/-0.000 194 +0.000/-0.001 506 +0.000/-0.001 506 +/-0.010 /2.411 +/-0.010 6.933 +/-0.010 252 +0.000/-0.005 250 +/-0.010 126 +/-0.010 126 +/-0.010 125 +/-0.010 125 +/-0.010 564 +/-0.010 564 +/-0.010 564 +/-0.010 564 +/-0.010 125  Change  New Issue 13.558 dimension removed	Tolerance   Actual   Dimension   Accept   Reject   Method of Inspection   +0.005/-0.000   75 9	Tolerance   Actual   Dimension   Accept   Reject   Method of   Inspection   Con



DESIGN DRAWN BY DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. APPROVED CHECKED REV. B D2803 SHEET 1 OF 2 DATE TITLE SCALE STA 84 BRACKET 04.11.22 1:3 Α 00.11.07 NEW ISSUE

RELEASED 05.03 11

В 04.11.22 ADD CUTOUTS & -043/-044



D2803-1 BRACKET (SHOWN), D2803-2 BRACKET (OPPOSITE)

1) MACHINE PER DRAWING FILE "D2803.SLDPRT"

2) MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-250/11) 0.500 THICK MATERIAL

3) DEBURR TO LEAVE RO.030 - 0.063 ON ALL EDGES

4) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

WORK ORDER

SHOP COPY **RETURN TO** 

**ENGINEERING UNCONTROLLED COPY** 

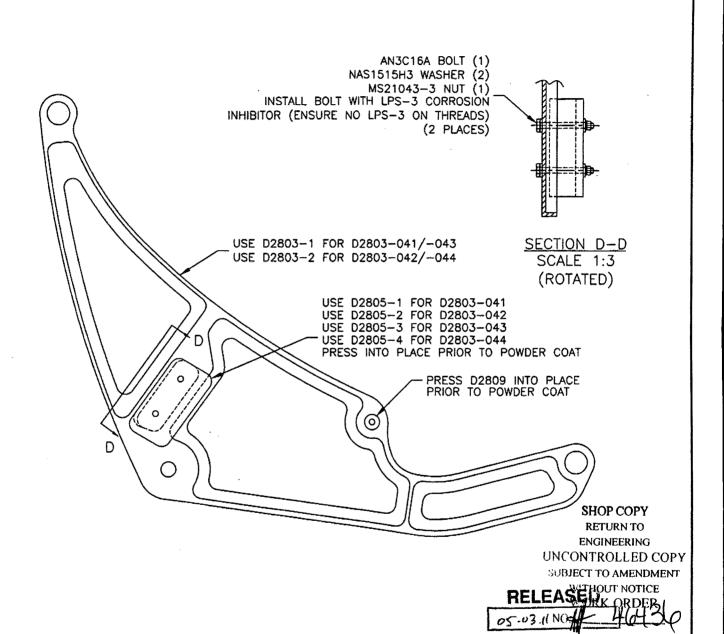
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DESIGN CP	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED #	APPROVED	DRAWING NO.	REV. B
A	*	D2803	SHEET 2 OF 2
DATE	· · · · · · · · · · · · · · · · · · ·	TITLE	SCALE
04.11.22		STA 84 BRACKET	1:3



## D2803-041/-043 BRACKET ASS'Y (SHOWN), D2803-042/-044 BRACKET ASS'Y (OPPOSITE)

6) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.1) OR GREY SANDTEX (4.3.5.6) OR BLACK SANDTEX (4.3.5.7) OR GREEN SANDTEX (4.3.5.8) PER DART QSI 005 4.3

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